NAVISTAR, INC
DEFECT INFORMATION REPORT

TO: Manager
Engine Programs Group (6405J)
Environmental Protection Agency
1200 Pennsylvania Avenue, NW
Washington, DC 20460

REPORT ID: 15-All-Engines-12000814-01
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DATE : December 22, 2015

The following Defect Information Report is submitted in accordance with 40 CFR §1068.501.

[40 CFR §1068.501(d)(1)] MANUFACTURER CONTACT INFORMATION

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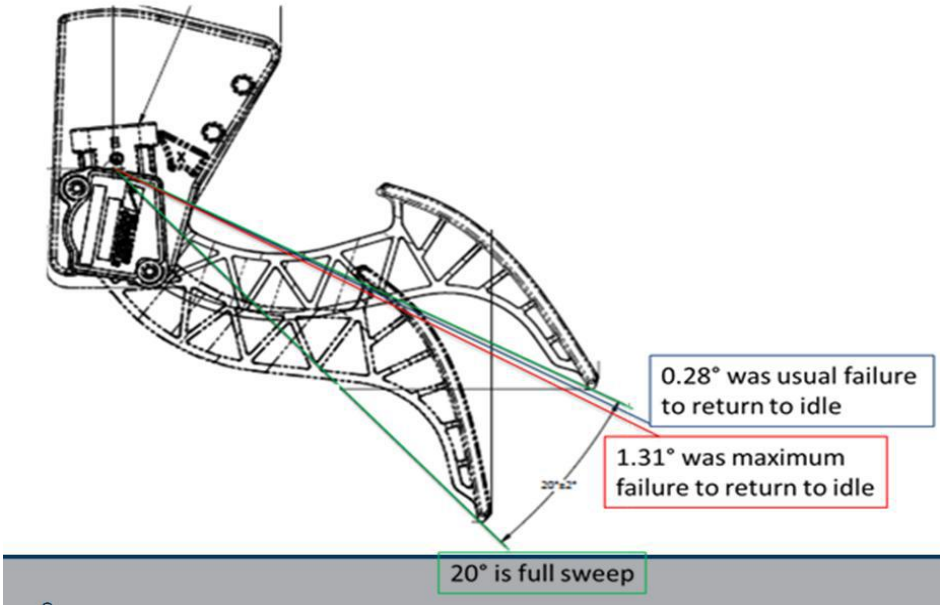
[40 CFR §1068.501(d)(2)] DEFECT DESCRIPTION

This report addresses a defect concerning the vehicle Accelerator Pedal.
Certain Navistar vehicles have a risk of increased idle speed. Due to manufacturing process errors, the accelerator pedal sensor stator may move slightly on the mounting bracket. This movement will change the sensor signal output resulting in an increased idle engine speed condition. Certain engine families are OBD certified and certain monitors require low engine idle speeds as entry conditions for operation, therefore these monitors will not operate.



[40 CFR §1068.501(d)(3)] DESCRIPTION OF VEHICLES/ENGINES AFFECTED

Certain vehicles built between 4/26/2012 and 4/04/2013 are affected. These vehicles contain engines from the following emission families.

Engine Family Name	Model Year	Engine Model	Engine Plant Ship Dates
BNVXH04660GA	2011	MaxxForce DT	2011
BNVXH04660GC	2011	MaxxForce DT	2011
BNVXH05700GA	2011	MaxxForce 9/10	2011
BNVXH07570GA	2011	MaxxForce 13	2011
BNVXH07570GC	2011	MaxxForce 13	2011
CNVXH03900GA	2012	MaxxForce 7	2012
CNVXH03900GC	2012	MaxxForce 7	2012
CNVXH04660GA	2012	MaxxForce DT	2012
CNVXH04660GB	2012	MaxxForce DT	2012
CNVXH05700GA	2012	MaxxForce 9/10	2012
CNVXH06410GA	2012	MaxxForce 11	2012
CNVXH0641TL1	2012	MaxxForce 11	2012
CNVXH07570GA	2012	MaxxForce 13	2012
CNVXH07570GB	2012	MaxxForce 13	2012
CNVXH07570GC	2012	MaxxForce 13	2012
CNVXH0757TL1	2012	MaxxForce 13	2012
CNVXH0757TL2	2012	MaxxForce 13	2012
CNVXH09280GA	2012	MaxxForce 15	2012
CNVXH09280GB	2012	MaxxForce 15	2012
CNVXH0928TL1	2012	MaxxForce 15	2012
DNVXH03900GA	2013	MaxxForce 7	2013
DNVXH04660GA	2013	MaxxForce DT	2013
DNVXH04660GB	2013	MaxxForce DT	2013
DNVXH05700GA	2013	MaxxForce 9/10	2013
DNVXH07570GA	2013	MaxxForce 13	2013
DNVXH07570SB	2013	N13	2013
DNVXH0757TL1	2013	MaxxForce 13	2013

[40 CFR §1068.501(d)(4)] NUMBER OF ENGINES ESTIMATED TO HAVE DEFECT

Certain vehicles built between 4/26/2012 and 4/04/2013 are affected. They contain the following engines.

Engine Family Name	Number of Engines Affected	Total US Production	Percent of Family Affected
BNVXH04660GA	9	10101	0.1%
BNVXH04660GC	6	13708	0.0%
BNVXH05700GA	206	6345	3.2%
BNVXH07570GA	1	9985	0.0%
BNVXH07570GC	1	7828	0.0%
CNVXH03900GA	3032	4494	67.5%
CNVXH03900GC	2728	3960	68.9%
CNVXH04660GA	6696	9394	71.3%
CNVXH04660GB	10606	14913	71.1%
CNVXH05700GA	3072	4386	70.0%
CNVXH06410GA	390	1196	32.6%
CNVXH0641TL1	337	429	78.6%
CNVXH07570GA	1497	2077	72.1%
CNVXH07570GB	447	2891	15.5%
CNVXH07570GC	1377	2226	61.9%
CNVXH0757TL1	9782	14282	68.5%
CNVXH0757TL2	460	2559	18.0%
CNVXH09280GA	7	39	17.9%
CNVXH09280GB	27	181	14.9%
CNVXH0928TL1	22	230	9.6%
DNVXH03900GA	687	6809	10.1%
DNVXH04660GA	684	6439	10.6%
DNVXH04660GB	1144	9398	12.2%
DNVXH05700GA	223	3620	6.2%
DNVXH07570GA	424	1871	22.7%
DNVXH07570SB	17	5298	0.3%
DNVXH0757TL1	1514	6340	23.9%

[40 CFR §1068.501(d)(5)] EVALUATION OF EMISSIONS IMPACT

There is no impact to emissions, however, the following engine families were OBD certified:

BNVXH07570GA
CNVXH0757OGA
CNVXH07570GC
CNVXH0757TL1
DNVXH03900GA
DNVXH04660GA
DNVXH04660GB
DNVXHO5700GA
DNVXH07570GA
DNVXH07570SB
DNVXH0757TL1

Dependant upon the amount of stator slip, engine idle speed may increase to a point where the entry conditions for engine misfire diagnostics and fuel injection timing/quantity diagnostics are exceeded. This will prevent the monitors from operating.

[40 CFR §1068.501 (d)(6)] ANTICIPATED MANUFACTURER FOLLOW-UP

Any vehicle that experiences this failure will likely be immediately serviced. Navistar has identified two remedies. One is pedal replacement, the other is installation of an ECU calibration with an increased "dead-band" where a small stator offset will not command an increased engine speed. The calibration will be applied to engine families containing large populations of affected engines, a new pedal to those with low populations.
In addition, in cooperation with a National Highway Traffic Safety Administration request, Navistar will perform a safety recall on all vehicles with manual transmissions.

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